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APRIL 1938 • BULLETIN OF  
THE NEW YORK ACADEMY OF MEDICINE

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# OLEUM PERCOMORPHUM

## NO LAITY ADVERTISING

We purposefully selected a classic name which is unfamiliar to the laity, or at least not easy to popularize. Oleum Percomorphum is supplied without dosage directions. Samples are furnished only to physicians.

Economical source of vitamins A and D. 100 times as potent as cod liver oil.\* For the prevention and treatment of rickets and tetany; to prevent poor dentition due to vitamin D deficiency; for pregnant and lactating women; for persons on restricted diets; to aid in building general resistance; and wherever cod liver oil is indicated.

# COUNCIL ACCEPTED

Oleum Percomorphum offers not less than 60,000 U.S.P. vitamin A units and 8,500 vitamin D units per gram. Supplied in 10 and 50 cc. bottles, also in boxes of 25 and 100 10-drop capsules of soluble gelatin, each containing not less than 13,300 vitamin A units and 1,850 vitamin D units (equivalent to 5 tea-spoonfuls cod liver oil\*).

\*U.S.P. Minimum Standard



**MEAD JOHNSON & COMPANY, EVANSVILLE, IND., U. S. A.**

Please enclose professional card when requesting samples of Mead Johnson products to cooperate in preventing their reaching unauthorized persons

Two million sufferers . . . 80 per cent.  
will be benefited by proper

## HAY FEVER TREATMENT

THE INCIDENCE OF HAY FEVER has been variously estimated as between 1 and 2 per cent. of the population of the United States. Some recent estimates are even higher. Thus there are about two million hay fever sufferers in this country.

**HAY FEVER**

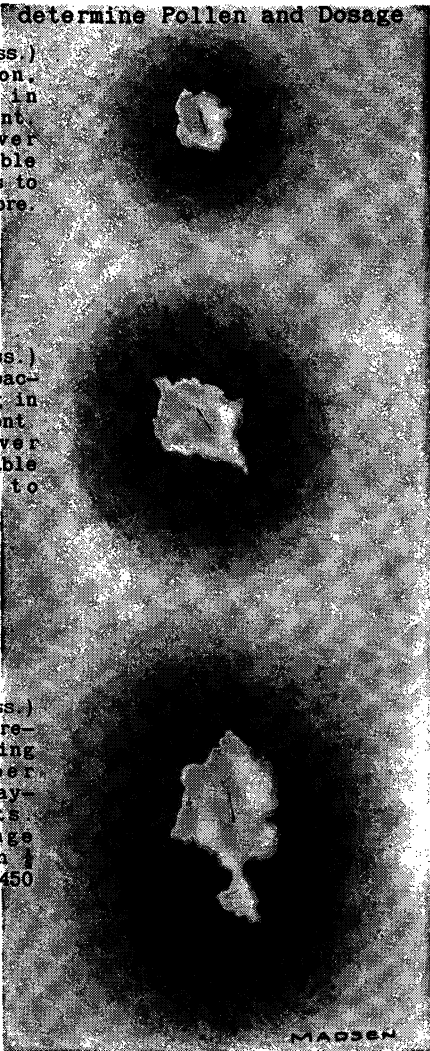
**Diagnostic Scratch Tests to**

**determine Pollen and Dosage**

(C)  
( $\frac{1}{4}$ " or less across.)  
A weak reaction, which occurs in over 10 per cent. of all hay-fever subjects. Probable dosage, 60 units to 6,000 units or more.

(B)  
( $\frac{1}{2}$ " to  $\frac{3}{4}$ " across.)  
An "average" reaction, occurring in about 80 per cent. of all hay-fever subjects. Probable dosage, 2 $\frac{1}{2}$  to 3,000 units.

(A)  
(1" or more across.)  
A very marked reaction, occurring in about 5 per cent. of all hay-fever subjects. Probable dosage ranges between  $\frac{1}{2}$  of a unit and 450 units.



MADSEN

Clinical reports indicate that at least 80 per cent. of the cases will obtain satisfactory relief following properly managed pollen therapy.

With the development of Lederle's glycerolated pollen extracts, the testing and treatment of pollen sensitiveness have been simplified and improved.

A single diagnostic scratch test usually suffices to classify the patients according to their constitutional sensitivity, and to indicate the size of the dosage.

"Pollen Antigens *Lederle*" have shown no measurable deterioration after six years. Physicians will therefore find it advantageous to keep on hand a supply of diagnostic tests (each package contains sufficient material to test 3 individual cases). The scratch test may be performed at any season and treatment by the preferred perennial method commenced at any time.

*Send for Hay Fever Manual*

***Lederle***

LEDERLE LABORATORIES,  
INC.  
30 ROCKEFELLER PLAZA NEW YORK

# CHARLES B. TOWNS HOSPITAL

293 CENTRAL PARK WEST • NEW YORK, N. Y.

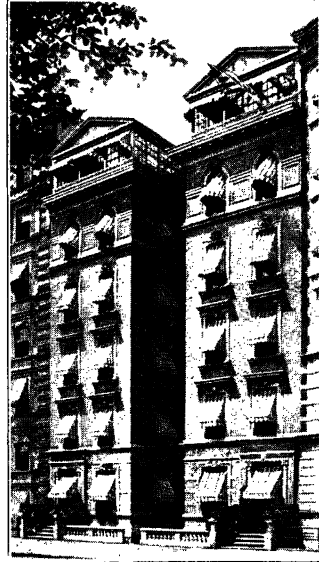
*for ALCOHOLISM and*  
**DRUG ADDICTION**

*No Mental Cases Accepted*

This hospital has specialized solely in addictions for over thirty-seven years. The treatment is a hospital procedure and provides a definite means of eliminating the craving and the toxic products of alcohol and drugs. Complete department of Physical Therapy for physical rebuilding and appreciating the seriousness of the mental side of the alcoholic problem, we devote the convalescent period to minimizing the possibility of relapse.

•

*Complimentary Copy "Drug and Alcoholic  
Sickness" Sent on Request*



*The Sixth Series of*

## THOMAS WILLIAM SALMON MEMORIAL LECTURES

*will be delivered at the Academy by*

**DR. DAVID KENNEDY HENDERSON**

*Physician Superintendent of the*

*Royal Edinburgh Hospital for Mental Disorders*

APRIL 18th, 19th and 20th, at 8:30 P.M.

**SUBJECT: PSYCHOPATHIC STATES CONSIDERED FROM THE VIEW OF**

1. Their place in Psychiatry
2. Their characteristics as evidenced by
  - a. aggression; b. inadequacy; c. creativeness
3. Their understanding and synthesis

# WHITHER VITAMIN THERAPY?

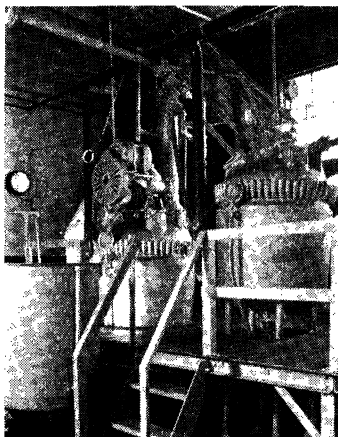
**V**ITAMIN THERAPY is still in its infancy. Some vitamins have been isolated which are specifics for certain nutritional deficiency diseases such as rickets, scurvy, xerophthalmia and night blindness. But the whole story of the value of vitamins has not yet been told. Two or three vitamins are not going to solve the entire problem of nutritional deficiencies.

Almost daily new data are presented which further widen the field of vitamin therapy. Research biologists have suggested that a number of common ills, hitherto vague as to cause, may be the symptoms of mild deficiencies.

The medical profession welcomes these discoveries. However, it is unfortunate that vitamin therapy progress is retarded when physicians fail to get expected response from vitamin preparations used in inadequate dosage. Such experiences destroy faith in the value of vitamin therapy.

S. M. A. Corporation, since its founding, has produced a line of specialized nutritional products designed to meet specific nutritional problems. As the nutritional field logically includes vitamins, S.M.A. Corporation has made available to the medical profession, certain vitamin products. Most of

these, as in the case of other SMAco nutritional products, are unique, and are synthesized or extracted by this organization. SMAco products represent creative work of S. M. A. Corporation Research Laboratories.



One of the many specially designed equipment units used to produce SMAco vitamins

In recent years much of S. M. A. Corporation research has been focused on the isolation, purification, and commercial preparation for clinical use of other important vitamin preparations. As was the case with SMAco Carotene (Pro-Vitamin A), these vitamins will be made available only when they may be offered in such concentrated form that it is practical to give at least a theoretical human dosage that should result in a clinical response if a deficiency of that particular vitamin exists.

Several SMAco vitamin products are now available to physicians. They may be prescribed for individual vitamin therapy, uncomplicated with other vitamins, when indicated. These SMAco vitamin products and others that may be offered for specific and adequate vitamin therapy, merit the consideration of discerning physicians who may prescribe them knowing that they are pure, and that the biological potencies stated are based on careful assay in S.M.A. Corporation laboratories.

*If your problem is a nutritional one, an S. M. A. Corporation product may help you.*

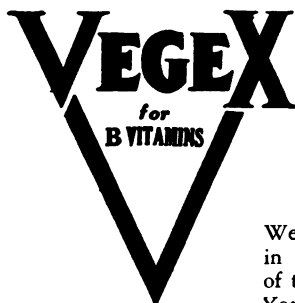
## S. M. A. CORPORATION



## CLEVELAND, OHIO

MAKERS OF FINE NUTRITIONAL SPECIALTIES

Producers of: SMAco Carotene-in-oil    SMAco Carotene-with-vitamin-D-concentrate-in-oil  
Alerdex    Hypo-Allergic Milk    Protein S. M. A. (Acidulated)    S. M. A.



## vs. IRON & COPPER Alone, with Dried Whole Milk

We previously published in the advertising section of the Bulletin of the New York Academy of Medicine, growth and hemoglobin count results with test animals (Albino rats) using dried whole milk; (a) with Vegex; (b) with added copper and iron; (c) with added B<sub>1</sub> and riboflavin crystal, and (d) controls.

Chart I shows the typical, average final results with (a) dried whole milk and Vegex; (b) iron and copper and dried whole milk.

Chart II shows the typical, average results of (c) where B<sub>1</sub> and riboflavin crystals were added, and (d) the negative controls. One female and six males did not last out the sixteen weeks test. It is noticeable in the tests that the males (growth curves) show more growth than for the females.

Chart III is the composite hemoglobin test of all of the males and all of the females shown in chart I. Separating these, the average hemoglobin count of all animals, for the eight weeks, with Vegex 96; with the iron and copper addition was 89. With both the control and the B<sub>1</sub> and riboflavin addition the hemoglobin count averaged around 10.

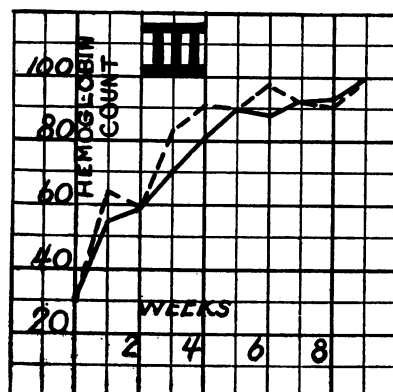
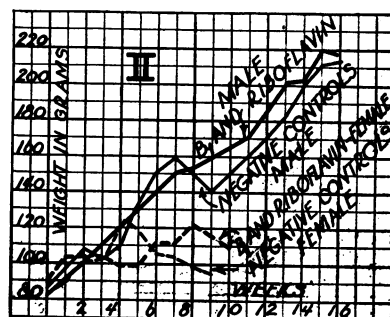
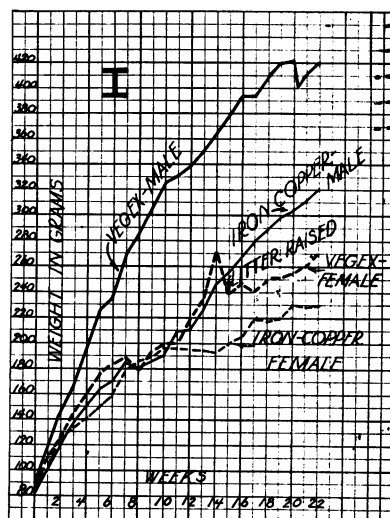
There was reproduction for one pair with dried whole milk and the iron and copper. The litter was not raised and no further reproduction. Chart I shows the litter raised with dried whole milk and Vegex.

One teaspoonful of Vegex supplies an average of 3 milligrams and three teaspoonfuls 9 milligrams of iron, together with the supplement of copper which seems adequate in the tests shown here. A standard adult allowance for iron is about 12 milligrams daily. Then Vegex supplies the extrinsic and intrinsic factor and is potent in all the known B vitamins.

*Samples for clinical or professional  
use will be sent on request.*

**VITAMIN FOOD CO., INC.**  
**VEGEX, INCORPORATED**

122 HUDSON ST. • NEW YORK, N. Y.



# IN CONVALESCENCE

## *It's More Calories*

### PROPERTIES OF KARO

Uniform composition  
Well tolerated  
Readily digested  
Non-fermentable  
Chemically dependable  
Bacteriologically safe  
\*Non-allergic  
Economical

\*Free from protein likely to produce allergic manifestations.

•

### COMPOSITION OF KARO (Dry Basis)

Dextrin..... 50%  
Maltose..... 23.2%  
Dextrose..... 16%  
Sucrose..... 6%  
Invert sugar..... 4%  
Minerals..... 0.8%

•

### KARO EQUIVALENTS

1 oz. vol..... 40 grams  
                            120 cal.  
1 oz. wt..... 28 grams  
                            90 cal.  
1 teaspoon.... 15 cal.  
1 tablespoon... 60 cal.

Convalescent children show a low metabolism for several weeks following the disappearance of an infectious fever as a consequence of generalized cellular damages.

The high caloric diet is indispensable. It is made possible by reinforcing foods and fluids with Karo. Every article of diet can be enriched with calories derived from Karo.

*Infant feeding practice is primarily the concern of the physician, therefore, Karo for infant feeding is advertised to the Medical Profession exclusively.*



### FREE to Physicians only:

Convenient Calculator of Infant Feeding Formulas; accurate, instructive, helpful. On receipt of Physician's prescription blank, giving name and address, the Calculator will be forwarded. Write Corn Products Sales Co., Dept. B-4, 17 Battery Place, New York, N. Y.

## CARBONATED ALKALINE WATER



*Not a Laxative*

UNIFORM STRENGTH  
PURITY

**Kalak Water Co.  
of N.Y. Inc.**

6 Church St. New York

THE NEW YORK ACADEMY OF MEDICINE

### *Lectures to the Laity*

ON THE ART AND ROMANCE OF MEDICINE

*Third Series — 1937 - 1938*

THURSDAY, APRIL 28, 8:15 P.M.

MEDICINE AND THE PROGRESS OF CIVILIZATION

REGINALD BURBANK, M.D.

Chairman, Section of Historical and Cultural Medicine,  
The New York Academy of Medicine

THURSDAY, MAY 26, 8:15 P.M.

X-RAY WITHIN THE MEMORY OF MAN

LEWIS GREGORY COLE, M.D.

Consulting Roentgenologist, Fifth Avenue Hospital

*To Assure Quick Dependable Response*  
DISCRIMINATING PHYSICIANS ARE PRESCRIBING  
*the easily soluble*

## DUBIN AMINOPHYLLIN

THEOPHYLLINE-ETHYLENEDIAMINE

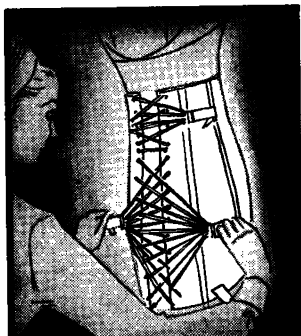
*American Made from*



*American Materials*

**H. E. DUBIN LABORATORIES**  
INCORPORATED  
250 E 43<sup>RD</sup> St New York, N.Y.





## MACY'S

*Registered Nurse Helps You  
Select the Proper*

## SURGICAL CORSETS

In Macy's Corset Department is a separate **SURGICAL SECTION**—Comprehensively stocked with Camp surgical belts—efficiently run by a graduate nurse (who has also been trained to fit surgical garments) and her staff of 12 graduate surgical fitters. We are ready to serve your maternity and post-operative cases; we are equipped to fit all manner of surgical supports including kidney and ptosis pads, hernia, sacro-iliac, surgical bust pads and supports for pendulous abdomens. We also fit surgical stockings for varicosities. Every one of your patients will receive our undivided attention.

**Miss Florence Montgomery, R.N., in charge**

*Surgical Section—Macy's New Corset Dept.—Second Floor*

## FRIDAY AFTERNOON LECTURES

HELD AT 4:30 O'CLOCK, APRIL, 1938

THE NEW YORK ACADEMY OF MEDICINE

•

April 1: Rheumatic fever.

Homer F. Swift, Member of The Rockefeller Institute.

April 8: The physiology of the liver metabolism as a basis for liver function tests and diet treatment.

S. J. Thannhauser, Associate Professor, Tufts Medical School.

April 15: The treatment of hemolytic streptococcus infections.

Reuben Ottenberg, Assistant Professor of Clinical Medicine, College of Physicians and Surgeons, Columbia University.

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*Specialty—Obstetrical Manikins*

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**25 EAST 26TH STREET, NEW YORK**



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ESTABLISHED 1889 •

A Sanitarium devoted to the individual care of mental cases. ¶ The facilities have been recommended by members of the medical profession for almost a half century.

CENTRAL VALLEY

• Orange County •

NEW YORK

• THEODORE W. NEUMANN, M.D.

*Physician-in-Charge*

**Send your patients to Amsterdam for better appliances**



**AMSTERDAM**  
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A moderate-priced professional service embracing all types of belts, trusses, braces, celluloid appliances, artificial limbs, footplates and other surgical and orthopedic aids.

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"Amsterdam fits the appliance to the patient, not the patient to the appliance"

**MAGER & GOUGELMAN, Inc.**

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*Specialists in the manufacturing and fitting of*

**Artificial Eyes**

Large selections on request. Prompt attention. Oculists are cordially invited to watch us at work in our laboratories.

*Write for our color chart and order blanks.*

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WASHINGTON, D.C.

CHARITABLE INSTITUTIONS SUPPLIED AT LOWEST RATES

# Pediforme prescribed shoes

## YOUR ATTENDANCE CORDIALLY INVITED . . .

at Pediforme Booth No. 41, at 132nd Annual Meeting of Medical Society of State of N. Y. in the Waldorf Astoria Hotel, New York City, May 9th to 12th. See latest examples of experience-confirmed Pediforme service to and through the profession and allied institutions.

New York, 36 W. 36th St.; Brooklyn, 322 Livingston St. and 838 Flatbush Ave.; Fordham, 2532 Grand Concourse; New Rochelle, 545 North Ave.; E. Orange, 29 Washington Pl.; Hempstead, L. I., 241 Fulton Ave.



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TRANSFORMED  
SPECIAL INFANTS  
SHOES  
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SEMI-CORRECTIVE  
INVERTOR-ADDUCTOR  
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CLUB FOOT  
—  
SPECIAL and  
REGULAR ORTHOPEDIC

## THE BOTTLED WATERS OF SARATOGA SPA

*Distinct Types From  
Three Different Springs*

**GEYSER** — highly mineralized  
with alkalines.

**HATHORN** — the saline-alka-  
line cathartic.

**COESA** — valuable in gall  
bladder conditions—mildly  
laxative.


Identical with the fountain flow waters served in the great Hall of Springs at the Spa. Specially handled in bottling to lose none of the catalytic qualities and natural carbonation. Highly mineralized by Nature in therapeutically useful combinations.

*For analyses of the waters, write  
Walter S. McClellan, M.D., Medical  
Director, 610 Saratoga Springs, N. Y.*

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### Catalogue Number Three: MEDICAL MISCELLANY:

Including an unusual group of books and pamphlets by and about SIR WILLIAM OSLER; other interesting groups; and a clearance of medical pamphlets.

 This catalogue will be sent free on request.

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*Purest*  
**BREWERS' YEAST**  
*for*  
**THE TREATMENT OF**  
**PELLAGRA . . . and**  
**CHRONIC ALCOHOLISM**

\*Drs. Spies, Chinn and McLester, at Hillman Hospital and T.C.I. Hospital, Birmingham, Ala., have reduced the mortality from pellagra from 54 to 6%. The authors conclude:

*"These observations show that endemic pellagra, like so-called alcoholic pellagra, responds to the administration of a highcaloric, highprotein diet, large amounts of yeast, adequate rest and good nursing care."*

The purest yeast is most palatable, easiest digested, forms no gas nor discomfort and offers the highest content of vitamins B<sub>1</sub> and B<sub>2</sub>.

Brewers' Yeast (Harris) was supplied to the U.S.P.H. Service and was used in all the Spies cases.

\*Jr. A.M.A.—March 13, 1937.  
 Vol. 108, p. 853.

U.S.P.H. Service (Sebrell) has reported: "In 1930 in North Carolina there were 1037 deaths from pellagra—twenty times as many as from malaria."



*The* **HARRIS LABORATORIES • TUCKAHOE, NEW YORK**